



2818 #2

Please type a plus sign (+) inside this box +

PTO/SB/81 (02-01)
Approved for use through 10/31/2002. OMB 0651-0035
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	10/006,293
Filing Date	December 6, 2001
First Named Inventor	Kavanagh, Thomas
Group Art Unit	2818
Examiner Name	Not Assigned
Attorney Docket Number	CIE-0056 (21216-06217)

RECEIVED
DEC 09 2002
Technology Center 2100

I hereby appoint:

- ☐ Practitioners at Customer Number →
- OR**
- ☒ Practitioner(s) named below:

Place Customer
Number Bar Code
Label here

Name	Registration Number
David L. Soltz	34,731
Michael R. Cammarata	39,491
David A. Fox	38,807

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

- ☐ The above-mentioned Customer Number.
- OR**
- ☐ Practitioner(s) at Customer Number. →
- OR**

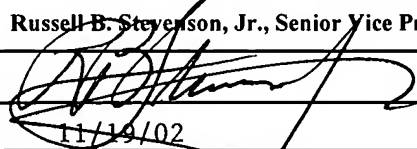
Place Customer
Number Bar Code
Label here

<input checked="" type="checkbox"/> Firm or Individual Name	CIENA Corporation				
Address	1201 Winterson Road				
Address					
City	Linthicum,	State	MD	Zip	21090
Country	USA				
Telephone	410-694-5763	Fax	410-865-8001		

I am the:

- ☐ Applicant/Inventor.
- ☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

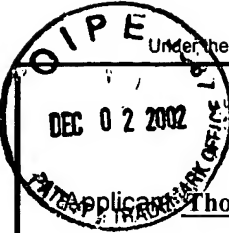
Name	Russell B. Stevenson, Jr., Senior Vice President and General Counsel
Signature	
Date	11/19/02

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple

☒ *Total of One (1) forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

RECEIVED
DEC -4 2002
TC 2800 MAIL ROOM



STATEMENT UNDER 37 CFR 3.73(b)

RECEIVED
DEC -4 2002
JIC 2800 MAIL ROOM

Applicant: Thomas Kavanagh

Application No.: 10/006,293 Filed: December 6, 2001

Entitled: Management of Memory for Providing Data Storage Across a Reboot

CIENA Corporation, a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

RECEIVED

DEC 09 2002

Technology Center 2100

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: ONI Systems Corp. To: CIENA Corporation
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: Thomas Kavanagh To: ONI Systems Corp.
The document was recorded in the Patent and Trademark Office at
Reel 012363, Frame 0080, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

11/19/02

Date

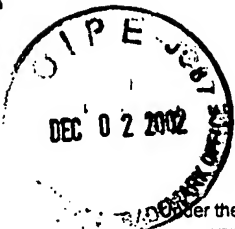
Signature

Russell B. Stevenson, Jr.

Typed or printed name

Senior Vice President and General Counsel

Title



Certificate of Mailing under 37 CFR 1.8

RECEIVED

DEC 09 2002

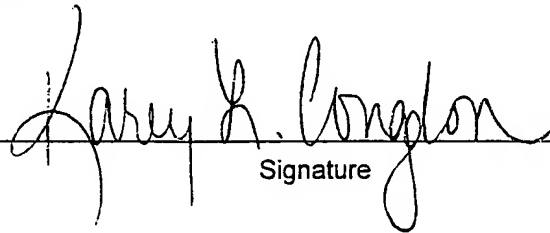
Technology Center 2100

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

**Assistant Commissioner for Patents
Washington, D.C. 20231**

on September 10, 2002

Date



Signature

Karey L. Congdon

Typed or printed name of person of signing Certificate

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

**RECEIVED
DEC -4 2002
TC 2800 MAIL ROOM**



RECORDATION FORM COVER SHEET

Doc. No.: CIE-0000

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

PATENTS ONLY

Tab settings → → → ▼ ▼ ▼ ▼ ▼

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
ONI Systems Corp.

Additional names(s) of conveying party(ies) ☐ Yes ☒ No

3. Nature of conveyance:

- ☐ Assignment ☒ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: 6/21/02

2. Name and address of receiving party(ies):

Name: CIENA Corporation

Internal Address: _____

RECEIVED

DEC 09 2002

Technology Center 2100

Street Address: 1201 Winterson Road

City: Linthicum State: MD ZIP: 21090

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

09/648,672	09/823,410	09/650,254
09/667,934	10/037,085	09/895,342
09/965,107	09/967,696	09/855,319
10/006,293	10/005,507	10/152,139

B. Patent No.(s)

Additional numbers attached? ☒ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: David A. Fox

Internal Address: Cantor Colburn LLP

Street Address: 55 Griffin Road South

City: Bloomfield, State: CT ZIP: 06002

6. Total number of applications and patents involved: 14

7. Total fee (37 CFR 3.41):.....\$ 560.00

- ☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account
☒ Authorized to be charged to deposit account

8. Deposit account number:

06-1130

(Attach duplicate copy of this page if paying by deposit account)

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

David A. Fox, Registration No. 38,807

Name of Person Signing

Signature

September 10, 2002

Date

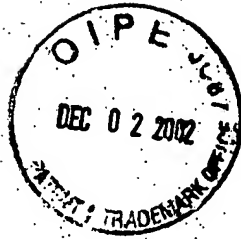
Total number of pages including cover sheet, attachments, and document: 5

RECORDATION FORM COVER SHEET
PATENTS ONLY

Item No. 4, Continued:

A. Patent Application Nos.

10/153,230 09/660,388



CIENA Corporation
CIE-0000

Please acknowledge receipt of the Recordation Form Cover Sheet (2 pages;
Certificate of Merger (3 pages); Authorization to Charge Deposit Account No.
06-1130; Certificate of Mailing; and Postcard receipt.

Mailed to the United States Patent and Trademark Office via 1st Class Mail
on September 10, 2002.

Received in the USPTO on:

RECEIVED

DEC 09 2002

Technology Center 2100